

About Me

- Self-motivated, hardworking, quick learner and versatile biotechnology post graduate
- Praised by colleagues for smart handling of instruments and accuracy in measurement
- Highly capable to work independently as well as a team

Skills

- Sanger sequencing, Microbial identification, Primer designing, Primer walking
- DNA/RNA isolation, Plasmid isolation, PCR, AFLP, RAPD, Tissue culture, Allele Specific PCR
- ABI genetic sequencer (3130 XL), UV-Spectrophotometer, Thermal cycler, Laminar air flow
- Knowledge about databases (NCBI), BLAST, FASTA, Sequence alignment, Phylogenetics

Languages

- Hindi
- English
- Maithili

CAREER OBJECTIVE

Learn new things every day and simultaneously add value to the organization. Seeking long term growth in a position where I can utilize my extensive expertise for mutual growth

EDUCATION

- 2016-2018** **Master's in science, Plant Biotechnology (OGPA- 8.05)**
Banaras Hindu University, Varanasi, UP
- 2013-2016** **Bachelor's in science, Biotechnology (75.26%)**
Patna Science College, Patna University, Patna, Bihar

WORK EXPERIENCE

Biokart India Pvt. Ltd., Bangalore (October 2018 - Present)

- DNA / RNA extraction from various samples
- Handling and performing all Sanger sequencing – i.e. QC of samples, PCR, purification (column/gel extraction), loading samples into the sequencer
- Data / Report submission to clients
- Handling various projects related to molecular biology
- SOPs manual preparation
- Kit preparation: PCR purification kit, DNA extraction kit

PROJECTS & TRAININGS

Morphological and biochemical characterization of cellulolytic enzyme by *Aspergillus niger* from humus of paddy field| Jan 2018 – Jun 2018 | BHU, Varanasi.

- Field of microbiology and biochemistry
- Various morphological reading and cellulase activity of cellulolytic enzyme by *Aspergillus niger* were examined at various parameters

Bio-chemical test | 17th Dec. 2014 - 31st Dec. 2014 | Mahavir Cancer Sansthan

- Liver function tests like bilirubin test, SGPT and SGOT
- Kidney function tests such as Creatinine test, urea test and uric acid test
- Cholesterol test and glucose test

Advance assays and bio-instrumentation | 26th Dec. 2013 - 2nd Jan. 2014 | Mahavir Cancer Sansthan, Patna.

- Learned to perform RBC, WBC and sperm count
- Performed Hemoglobin test and determined blood groups
- Dose preparation for animal model